ECUSB3S2

Instruction Manual

ExpressCard USB 3.0 Controller Adapter Card

2-Port ExpressCard SuperSpeed USB 3.0 Controller Adapter Card

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FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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Introduction

10x faster than that of USB 2.0, this SuperSpeed USB 3.0 adapter card enables you to access your data and transfer files much faster than USB 2.0! The new USB 3.0 standard supports transfer rates of up to 5Gbps, while still providing connectivity and support for the older USB 2.0 (480Mbps) and 1.1 (12Mbps) devices.

Packaging Contents

- 1 x ECUSB3S2 card
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- ExpressCard/34 or /54 enabled computer system
- Microsoft Windows® 2000/XP/Server 2003/Vista/7 (32/64-bit)

Installation

Hardware Installation

1. ExpressCard adapters can be hot-plugged into a computer system, while running. Turning the computer off to insert/remove ExpressCard adapters is not necessary.
2. Locate your computer's ExpressCard slot. This card can fit into an ExpressCard/34 or ExpressCard/54 slot.
3. Slide the adapter card into the ExpressCard slot fully and you should hear the card engage with a clicking noise.

NOTE: Some ExpressCard/54 slots hold an ExpressCard/34 adapter loosely, so movement of the computer or the adapter card can result in accidental disconnection. An ExpressCard/34 to /54 bracket is recommended for those types of computers (i.e. StarTech.com ID: ECBRACKET).

4. The card should now be detected by the computer systems operating system.
5. To remove the card, press the card into the ExpressCard slot all the way and you should hear it disengage with a clicking sound. The card should now be automatically ejected from the slot.

OPTIONAL: If the ExpressCard slot on the computer does not provide enough power to the USB ports, an external power adapter would be required and plugged into the DC power connector.

Driver Installation

Windows 2000/XP/Server 2003/Vista/7

Once the computer has started and the operating system is fully loaded, insert the provided Driver CD into the computer's CD/DVD drive.

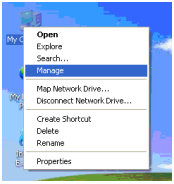
Autorun should start the installation program, so follow the instructions onscreen to complete the driver installation.

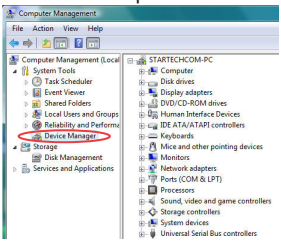
If Autorun does not start, Go into "My Computer" and access the CD/DVD drive that the CD is in, and run the "setup.exe" file located on the CD. Follow the onscreen instructions to complete the driver installation.

Verifying Installation

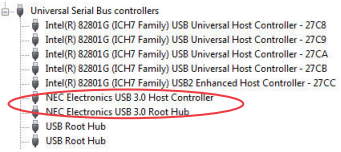
Windows 2000/XP/Server 2003/Vista/7

From the main desktop, right-click on “My Computer” (“Computer” in Vista/7), then select Manage. In the new Computer Management window, select Device Manager from the left window panel.





In the Device Manager, under the Universal Serial Bus Controllers category, you should see the new entries for the USB controller card.


Universal Serial Bus controllers
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C8
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27C9
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CA
Intel(R) 82801G (ICH7 Family) USB Universal Host Controller - 27CB
Intel(R) 82801G (ICH7 Family) USB2 Enhanced Host Controller - 27CC
NEC Electronics USB 3.0 Host Controller
NEC Electronics USB 3.0 Root Hub
USB Root Hub
USB Root Hub

Specifications

Bus Interface	ExpressCard 1.0 (34mm form factor) USB 3.0 rev1.0 Intel xHCI rev0.95
External Connectors	2 x USB 3.0 type A 1 x DC power connector
Chipset ID	NEC uPD720200
Maximum Data Transfer Rate	USB 3.0: 5Gbps
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	85% RH
Power Adapter (optional)	5VDC, 1.5A (min), type H plug, center postive
Compatible Operating Systems	Windows 2000/XP/Server 2003/ Vista/7 (32/64-bit)

Technical Support

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